METHOD, SYSTEM AND PROGRAM PRODUCT FOR DETECTING SOFTWARE DEVELOPMENT BEST PRACTICE VIOLATIONS IN A CODE SHARING SYSTEM

ABSTRACT OF THE INVENTION

Under the present invention, a best practice violation (BPV) engine resource is first built. This typically occurs by: receiving sets of source code from a plurality of sources; detecting a programming language of each of the sets of source code; extracting code patterns from the sets of source code; defining meta data for each code pattern that indicates a quality thereof; classifying each code pattern; and assigning a rank to each of the code pattern based on it's corresponding meta data as well as a skill level and an experience level of the developer thereof. Once the BPV engine resource is built, it will be used to detect best practice violations in other sets of source code.